

Overall Ministry Expectations:

- **B1. (STSE):** Assess the social and environmental impact of organic compounds used in everyday life and propose a course of act to reduce use of these compounds
- **B2. (Investigation/Communication):** Investigate organic compounds and their chemical reactions and use different ways to represent compounds
- **B3. (Basic Concepts):** Demonstrate understanding of structures,

Big Ideas:

1. Organic compounds have predictable chemical and physical properties determined by their respective structures.
2. Organic chemical reactions and their applications have significant implications for society, human health and the environment.

ESSENTIAL QUESTION:

How do the structural and chemical properties of different organic compounds interact with one another to impact our society and environment?

Guiding Question #1

1. What are the different classes of organic compounds and how do they differ in structure and properties?

Guiding Question #2

How do these differences in structure and properties affect how these compounds react in chemical reactions?

Guiding Question #3

How does the use of these organic compounds impact our society and the environment?